PATENT APPLICATION FEE DETERMINATION RECORD

Application or	Docket	Numbe
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212915 Effective November 10, 1998

(Column 1) (Column 2)							SMAL TYPE	L ENTITY	ÓF		R THAN		
FOR NUMBER FILED NUMBER EX				1	RATE	FEE	7	RATE	FEE				
В	ASIC FEE						: 	1	10112	380.00	┥.		760.00
 	OTAL CLAIMS		G	minus	20-			1		360.00	OF	` <u> </u>	760.00
_			- 7	minus	20=				X\$ 9=		OF	X\$18=	
INDEPENDENT CLAIMS / minus 3 = *								X39=		OR	X78=		
M	MULTIPLE DEPENDENT CLAIM PRESENT							+130=		OR	+260=		
*	* If the difference in column 1 is less than zero, enter "0" in column 2					l	TOTAL		OR	L	160		
	C	LAIMS	SASA	MENDE	D - P	ART II							R THAN
	· · · · · · · · · · · · · · · · · · ·		ımn 1)			olumn 2)	(Column 3)		SMALL	ENTITY	OR		ENTITY
AMENDMENT A	a	REM/	AIMS AINING TER BMENT		PR	HIGHEST NUMBER EVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MON	Total	*		Minus		20	= /		X\$ 9=/	7	OR	X\$18=	
AME	Independent FIRST PRESE	*	N OF M	Minus	***	3	=	1	X39=_		OR	X78=	
	THOTPHESE	INTAND	N OF MIC	JETIPLE DE	PEND	ENT CLAIM	<u></u>		+130=		OR	.+260=	
· · ·		,				-		L	TOTAL		<u> </u> '	TOTAL	
,		(Colu	mn 1)		(C	olumn 2)	(Column 3)	AI	DDIT. FEE	<u> </u>]	ADDIT. FEE	<u> </u>
8		CLA	IMS		H	IGHEST		г		ADDI-	1	7	ADDI
AMENDMENT	8	REMA AFT AMENI	ER	,	PR	IUMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	TIONAL FEE		RATE	ADDI- TIONAL FEE
NON	Total	• (Minus	**	20	=		X\$ 9=)	OR	X\$18=	
AM	Independent FIRST PRESE	* /		Minus	***	S CLAIM	= _		X39=	<	OR	X78=	(
			101/10	ETIF LE DEF	·	ENT CLAIM			+130=		OR	+260=	7
								AD	TOTAL DIT. FEE		OR ,	TOTAL ODIT. FEE	
		(Colur			(Co	olumn 2)	(Column 3)	•				,	
C		CLA REMAI AFT AMEND	NING ER		PRE	IGHEST UMBER EVIOUSLY NID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
AMENUMEN	Total	•		Minus	**		=		X\$ 9=		12	X\$18=	<u> </u>
ME [Independent	*		Minus	***		=	\vdash			OR		
	FIRST PRESE	NTATION	OF MU	LTIPLE DEP	ENDE	NT CLAIM			X39=		OR	X78=	Ý
• 1f	the entry in colum	nn 1 is les	s than the	entry in anti-	no 3	wito *O* in a-t	2	L	130=		OR	+260=	· [
!!	the "Highest Num the "Highest Num he "Highest Num	nber Previ nber Previ	ously Pak iously Pak	d For IN THIS d For IN THIS	SPAC SPAC	E is less than E is less than	20, enter "20." 3. enter "3."		TOTAL DIT. FEE		OR A	TOTAL DDIT. FEE	

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

		CLAIMS A	AS FILED (Colum		-	umn 2)		SMALL TYPE	ENTITY			R THAN
T	OTAL CLAIMS	S	\COIGH			unin 2)		RATE	FEE	— OF	,	E NTITY
F	OR		NUMBEI	R FILED	NUM	BER EXTRA		BASIC FE		OR	RATE BASIC FEI	FEE \$77.0
T	OTAL CHARGE	ABLE CLAIMS	m	inus 20=	*	<u> </u>		X\$ 9=	1 4000	- "	1/4/2	+
IN	DEPENDENT C	CLAIMS		ninus 3 =	*				- 	OR		
<u> — </u>		NDENT CLAIM F	<u></u> :	111100 0 2				X43 =	-	OR	X8 6 =	<u> </u>
<u> </u>	• • • • • • • • • • • • • • • • • • • •			•			۱.	+145=		OR	+290=	
* [* If the difference in column 1 is less than zero, enter "0" in column 2							TOTAL		OĄ.	TOTAL	
	7	CAIMS AS A (Column 1)	AMENDE	(Colum	nn 2)	(Column 3)	_	SMALL	ENTITY	OR.		THAN ENTITY
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIO PAID F	ER USLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
QN	Total	* Y	Minus	" 2	0	=		X\$ 9=		OR	X\$18=	
AME	Independent	* ENTATION OF M	Miņus	DENIDENT	<u> </u>	= (X4 3 =		OR	X8 6 =	
	THOTPHESE	INTATION OF W	OLITE DE	PENDENT	CLAIM		· [+145=	1	ÓR	+290=	
			्रक	s.			Ľ	TOTAL		1, 1	TOTAL DDIT FEE	
		(Column 1)		(Colum	n 2)	(Column 3)		ODIT. FEE	<u> </u>	J. /	ODN. PEEL	
AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIOU PAID F	ER JSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
2	Total	*	Minus	##		=		X\$ 9=		OR	X\$18=	
BAE	Independent	*	Minus	***		=	,	X43=		ÓR	- X86=	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEI	PENDENT (CLAIM			+145=		OR	+290=	
		•					 IA	TOTAL DDIT. FEE		OR A	TOTAL DDIT: FEE	
	·	(Column 1)		(Colum		(Column 3)-	•		,			•
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMBI PREVIOL PAID FO	ER JSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE	·	RATE	ADDI- TIONAL FEE
NON	Total.	*	Minus	**		=		X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus	££		Ξ,		X43=			X8 6 =	
	FIRST PRESE	NTATION OF MU	JLTIPLE DEF	PENDENT	CLAIM		-			OR		
• 1	f the entry in colu	nn 1 is less than th	e entry in colu	mn 2, write "()" in cole	JMN 3.	L	+145=		OR	+290=	
**	f the "Highest Nur If the "Highest Nur	mber Previously Pa mber Previously Pa ber Previously Paid	id For" IN THI ild For" IN THI	S SPACE is I S SPACE is I	ess than ess thar	20, enter "20." 3, enter "3."		TOTAL DIT. FEE	ropriate box		TOTAL DDIT. FEE	

Docket Number Application PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000 CLAIMS AS FILED - PART I **SMALL ENTITY** OTHER THAN (Column 1) (Column 2) TYPE OR SMALL ENTITY **TOTAL CLAIMS** RATE FEE With Killians RATE FEE **FOR** NUMBÈR FILED NUMBER EXTRA BASIC FEE 355.00 BASIC FEE 710.00 OR TOTAL CHARGEABLE CLAIMS minus 20= XS 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X40= X80= OR MULTIPLE DEPENDENT CLAIM PRESENT +135= +270= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL **CLAIMS AS AMENDED - PART II OTHER THAN** SMALL ENTITY, OR **SMALL ENTITY** (Column'1) (Column 3) (Column 2) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE RATE TIONA AMENDMENT AFTER **PREVIOUSLY EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Minus Independent X40= X80 =OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= +270= OR TOTAL TOTAL OR ADDIT. FEE 100 ADDIT FEE (Column 1 (Column 2) (Column 3) CLAIMS HIGHEST ADDI-**ADDI** 8 REMAINING NUMBER PRESENT RATE TIONAL RATE TIONA AFTER **PREVIOUSLY** AMENDMENT EXTRA **AMENDMENT PAID FOR** FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X40= X80= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= +270= OR TOTAL TOTAL OR ADDIT. FEE. ADDIT. FEE

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT C	•	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT - EXTRA			
	Total	•	Minus	••	=			
	Independent	•	Minus	•••	=			
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							

ADDI-ADD TION. **RATE** TIONAL RATE FEE FEE X\$18= X\$ 9= OR X40= X80= OR +270= **4135**= OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE

^{*} If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

[&]quot;If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

[&]quot;"If the "Highest Number Previously Pald For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.